

ABSTRACT

Provided are a cell culture carrier for animal cells, for which is used a tissue section alone or a tissue section stuck to a support or stuck thereto while stretched; and a method of using the carrier for culture and transplantation of cells. The cell culture carrier provides a culture environment that is more similar to that in living tissue, or that is, it provides such a culture environment that involves the intended, site and time-dependent information on living tissue. Culturing animal cells on the tissue-derived culture carrier makes it possible to analyze the properties and the characteristics of the cultured cells on the basis of the interaction between the cells and the site and time-dependent information on the tissue of the carrier, to analyze the function of genes on the basis of the interaction there between, to reconstruct a novel engineered tissue by utilizing the carrier tissue as a template, and to transplant the reconstructed tissue.

DRAFTED - DRAFTED